U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Attorney Docket No. UTILITY PATENT APPLICATION CICERO D SALLES, JR First Inventor TRANSMITTAL WEATHER DILL Title (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. Mail Stop Patent Application **APPLICATION ELEMENTS** Commissioner for Patents ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria VA 22313-1450 1. Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or (Submit an original and a duplicate for fee processing) Computer Program (Appendix) 2. 🔯 Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) 3. 🔯 [Total Pages_ Specification Computer Readable Form (CRF) (preferred arrangement set forth below) Descriptive title of the invention b. Specification Sequence Listing on: Cross Reference to Related Applications Statement Regarding Fed sponsored R & D CD-ROM or CD-R (2 copies); or Reference to sequence listing, a table, or a computer program listing appendix Background of the Invention Paper - Brief Summary of the Invention - Brief Description of the Drawings (if filed) c. Statements verifying identity of above copies - Detailed Description - Claim(s)
- Abstract of the Disclosure **ACCOMPANYING APPLICATION PARTS** 9. Assignment Papers (cover sheet & document(s)) 4. Drawing(s) (35 U.S.C. 113) [Total Sheets 10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney 5. Oath or Declaration [Total Sheets English Translation Document (if applicable) 11. L a. Newly executed (original or copy) Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed) 13 **Preliminary Amendment** Return Receipt Postcard (MPEP 503) (Should be specifically itemized) **DELETION OF INVENTOR(S)** Certified Copy of Priority Document(s) 15 Signed statement attached deleting inventor(s) (if foreign priority is claimed) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 16. 🔲 Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 6. Application Data Sheet. See 37 CFR 1.76 17. Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Prior application information: Examiner Art Unit: Fror CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number: OR Correspondence address below Name CICERD DE OLIVEIRA SALLES 876 IVY LEAGUE LANE Address City Zip Code State ROCKVILLE Country U. S. A. Fax 301 309-6144 Name (Print/Type) CICERO Registration No. (Attorney/Agent) JR Signature

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, USPTO to process) an application. Cominemiality is governed by 35 U.S.C. 122 and 37 CFN 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/17 (08-03 Approved for use through 07/31/2006. OMB 0651-003: U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number								
EEE TOANG	MITTA					Complete if Known		
FEE TRANSI	VIIIIA	ㄴ [Appli	cation	Numb	er		
for FY 2003 Effective 01/01/2003. Patent fees are subject to annual revision.			Filing Date			9/12/03		
			First Named Inventor		d Inve	ntor CICERO D. SALLES	JR	
 			Examiner Name		lame		_	
Applicant claims small entity status. See 37 CFR 1.27			Art Unit					
TOTAL AMOUNT OF PAYMENT	OUNT OF PAYMENT (\$)			ey Do	ocket l	No.		
METHOD OF PAYMENT (check all that apply)			FEE CALCULATION (continued)					
Check Credit card Money Order Deposit Account: Deposit Account Number	Other None				Fee (\$)		Fee Paid	
Deposit Account Name The Director is authorized to: (check all that app)		1052 1053	50 130	2052 1053	25	Surcharge - late provisional filing fee or cover sheet Non-English specification		
	any overpayments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination		
Charge any additional fee(s) during the penden	cy of this application	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		
Charge fee(s) indicated below, except for the to the above-identified deposit account.	filing fee	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		
FEE CALCULATION		1251	110	2251	-			
1 BASIC FILING FEE		1252	410	2252	205	Extension for reply within second month	⊢——	

Number	<u> </u>			1051	130	2051	65	Surcharge - late filing fee or oath	
Deposit Account				1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
Name The Director i	is authorized i	to: (check all that apply)		1053	130	1053	130	Non-English specification	
The Director is authorized to: (check all that apply) Charge fee(s) indicated below Credit any overpayments			1812	2,520	1812	2,520	For filing a request for ex parte reexamination		
Charge nee(s) indicated below Clean any overpayments Charge any additional fee(s) during the pendency of this application			1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.			1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		
FEE CALCULATION			1251	110	2251	55	Extension for reply within first month		
			1252	410	2252	205	Extension for reply within second month		
1. BASIC FILING FEE Large Entity Small Entity			1253	930	2253	465	Extension for reply within third month		
	Fee Fee Code (\$)	Fee Description	Fee Paid	1254	1,450	2254	725	Extension for reply within fourth month	
1001 750	2001 375	Utility filing fee		1255	1,970	2255	985	Extension for reply within fifth month	
1002 330	2002 165	Design filing fee	375	1401	320	2401	160	Notice of Appeal	
1003 520	2003 260	Plant filing fee		1402	320	2402	160	Filing a brief in support of an appeal	
1004 750	2004 375	Reissue filing fee		1403	280	2403	140	Request for oral hearing	
1005 160	2005 80	Provisional filing fee		1451	1,510	1451	1,510	Petition to institute a public use proceeding	
İ	ł ,	SUBTOTAL (1) (\$)	375	1452	110	2452	55	Petition to revive - unavoidable	
2 EVTDA	CL AIM EEE	S FOR UTILITY AND		1453	1,300	2453	650	Petition to revive - unintentional	L
Z. EXIKA	CLAIM FEE	Fee fro	m i	1501	1,300	2501	650	Utility issue fee (or reissue)	L
Total Claims		Extra Claims below	Fee Paid	1502	470	2502	235	Design issue fee	
Independent	===)** =	¦‡ 	1503	630	2503	315	Plant issue fee	
Claims Multiple Depe		3** = L	 	1460	130	1460	130	Petitions to the Commissioner	
f ' '		<u> </u>	▎ॏ॔॓॓	1807	50	1807	7 50	Processing fee under 37 CFR 1.17(q)	
Large Entity Fee Fee	Small Entit	Y Fee Description		1806	180	1806	180	Submission of Information Disclosure Strnt	
Code (\$)	Code (\$)			8021	40	8021	l 40	Recording each patent assignment per property (times number of properties)	
1202 18 1201 84		 Claims in excess of 20 Independent claims in ε 	excess of 3	1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 280	2203 14	•		1810	750	2810	375	For each additional invention to be	
1204 84		2 ** Reissue independen					. 0.0	examined (37 CFR 1.129(b))	
		over original patent		1801	750	2801	375	Request for Continued Examination (RCE)	
1205 18	2205	9 ** Reissue claims in ex- and over original pate		1802	900	1802	900	Request for expedited examination of a design application	
SUBTOTAL (2)			Other fee (specify)						
SUBTOTAL (2) (\$)			*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)						

or number providedly paid, if greater, i or neissees, see above								
SUBMITTED BY				(Complete	(if applicable))			
Name (Print/Type)	CICERO D. SALLES	JK	Registration No. (Attorney/Agent)	Telephone	301 309-6144			
Signature	CO State	cl.		Date	9/12/03			

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.